

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
H.C. STARCK GMBH	06/22/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	H. C. STARCK TUNGSTEN GMBH
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<b>City:</b>	MUENCHEN
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14354139
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<b>ATTORNEY DOCKET NUMBER:</b>	373-004US
<b>NAME OF SUBMITTER:</b>	ANN MARIE POREMBA
<b>SIGNATURE:</b>	/Ann Marie Poremba/
<b>DATE SIGNED:</b>	07/06/2018
<b>Total Attachments: 2</b>	
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**PATENT ASSIGNMENT**

**WHEREAS**, H.C. STARCK GMBH, a corporation incorporated under the laws of GERMANY and having an address at IM SCHLEEKE 78-91, 38642 GOSLAR, GERMANY (herein the "Assignor"), is the owner of the entire right, title and interest in and to the inventions described and claimed in US Patent Application No. 14/354,139 filed on April 25, 2014, which is a National Stage Entry of PCT International Application No. PCT/EP2012/071254 filed on October 26, 2012, which claims priority to German Patent Application No. 10 2011 117 042.5 filed on October 27, 2011.

**WHEREAS**, H. C. STARCK TUNGSTEN GMBH, a corporation incorporated under the laws of GERMANY having an address at LANDSBERGER STR. 98, 80339 MÜNCHEN, GERMANY (herein the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the aforesaid invention, including any tangible materials embodied in or encompassed by the invention, and any improvements thereon, (the "Invention") and in and to applications for Letters Patent thereon in the United States, its territories and possessions ("United States"), including rights to claim priority, to any provisional applications, and in and to any Letters Patent of the United States which may be granted therefor, including any and all reissues, divisionals, continuations, renewals, substitutes or extensions thereof (the "Rights");

**NOW, THEREFORE**, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, Assignor has sold, assigned, transferred and conveyed, and do hereby sell, assign, transfer and convey to Assignee, its successors and assigns, the entire right, title and interest in and to the aforesaid Invention and Rights. The aforesaid assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignor if this sale and assignment had not been made;

**AND** Assignor hereby authorizes and requests the appropriate governmental officials to issue any and all such United States Letters Patent under said Invention, or resulting from any of said applications therefor to the Assignee, as the assignee of the entire right, title and interest in and to the same;

**AND** Assignor hereby represents, warrants and covenants that they have the full right to convey the entire interest herein assigned, that they have not executed and will not execute any instrument or assignment in conflict herewith, and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

**AND** Assignor further covenants and agrees that Assignor will at any time upon request make, execute and deliver without further compensation, any and all other instruments in writing, including further applications, papers, affidavits, powers of attorney, assignments, and other documents, and do all lawful acts and things, which, in the opinion of counsel for said Assignee, its successors and assigns, may be required or necessary more effectively to secure to and vest in said Assignee, its successors and assigns the entire right, title and interest in and to said Invention and Rights hereby sold, assigned, transferred and conveyed, and that Assignor will sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension of said application for Letters Patent or any resulting Letters Patent;

**AND** Assignor further covenants and agrees that Assignor will at any time upon request communicate to the Assignee, its successors, assigns or other legal representatives any facts relating to the aforesaid Invention known to them, and will testify as to the same in any post grant proceeding, litigation, mediation, arbitration or other proceeding when requested to do so.

In witness whereof, executed by the undersigned on the date below.

ASSIGNOR:

**H. C. STARCK GMBH**

By: 

Name: Dr. Jens Knöll

Title: Chairman of the Board

Date: June 22, 2018

ASSIGNEE:

**H. C. STARCK TUNGSTEN GMBH**

By: ppa. 

Name: Dr. Hady Seyeda

Title: Chief Operating Officer

Date: June 22, 2018